

R NOVA PLUS MASTIC

TECHNICAL DATA SHEET 150617SCANF

(supersedes -)



WATERPROOFING
COMPLEMENTARY PRODUCTS

APPLICATIONS

ROOFS

DESCRIPTION

R NOVA PLUS MASTIC is a single-component polyurethane/acrylic-based waterproofing liquid mastic. **R NOVA PLUS MASTIC** is designed for seams, crakings, seams and for flashings where reinforcement is required or as fasteners encapsulator on mechanically fastened metal roof systems or others details.

RECOMMENDED SUBSTRATES

Metal surfaces and granulated cap sheet membranes composed of SBS modified bitumen.

SURFACE PREPARATION

Surfaces must be dry, clean and free of loose particles, curing products, irregularities, etc.

Except for granulated cap sheet membranes composed of SBS modified bitumen, clean the surface with **ALSAN ALL-PURPOSE CLEANER** prior applying **R NOVA PLUS MASTIC**.

APPLICATION

R NOVA PLUS MASTIC is applied using brushes and notched squeegees.

Using a low speed mixer (200 to 400 rpm), thoroughly mix the contents of the container for 3 to 5 minutes before use of **R NOVA PLUS MASTIC** to obtain a homogeneous consistency.

Coat the surface with **R NOVA PLUS MASTIC** as necessary. With reinforcement: coat the surface with **R NOVA PLUS MASTIC** to obtain a thickness of 3 mm (1/8 in) by layer. Extend 25 mm (1 in) beyond each sides of the **ALSAN POLYFLEECE ST** reinforcement. Allow to dry a minimum of 24 hours prior application of **R NOVA PLUS** finish coat over metal surfaces and granulated cap sheet membranes composed of SBS modified bitumen. For any other surfaces, contact your SOPREMA representative. Maximum recoat window is 36 hours. For a further period of time, clean the surface with **ALSAN ALL-PURPOSE CLEANER** before applying **R NOVA PLUS** finish coat. Coverage rate may vary depending on the substrate condition.

The application temperature is 5 to 40 °C (41 to 104 °F). Curing time was determined under ideal application conditions: 25 °C (77 °F) and 50% relative humidity. Curing time will be longer at lower temperatures.

FOR COMPLETE INFORMATION ON PRODUCT APPLICATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

Specifications	R NOVA PLUS MASTIC
Physical state	Liquid paste
Specific gravity	> 1.4 kg/L (> 11.6 lb/US gal)
Colour	White
Container	18.9L (5.0 US Gal)



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PROPERTIES

Properties	Standards	R NOVA PLUS MASTIC
VOC content	-	0.32 g/L
Solids content (average)	-	64%
Heat stability (average)	ASTM D2939	> 120 °C (> 248 °F)
Cold temperature flexibility (average)	ASTM D522	< -30 °C (< -22 °F)
Tensile strength (average)	ASTM D412	> 1,6 MPa (> 227 psi)
Elongation at break (average)	ASTM D412	> 500 %
Resistance to ponding water	ASTM D2939	Pass
Resistance to water pressure, 24 hours	DIN 52123	> 0,5 atm (> 7,4 psi)
Water vapour permeance	ASTM D1653	1,87 perm
Tear resistance	ASTM D624	> 130 N/cm (> 76 lbf•in)
UV resistance	ASTM D4799	Resistant to UV
Fungi resistance	ASTM G21	Pass
Fully cured	-	24 hours

CLEANING

Tools and uncured adhesive can be cleaned with solvents, such as mineral spirits, Varsol, Xylene, etc.

STORAGE AND HANDLING

Storage: Up to 12 months in original sealed container, protected from moisture. Store in a ventilated place, away from heat and direct sunlight.

For more information, refer to instructions on the container label and relevant safety data sheet (SDS).



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